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<p>(54) Title: METHOD AND APPARATUS FOR LOCAL ADVERTISING</p> <p>(57) Abstract</p> <p>Internet Service Providers (ISPs) or proxies (502) owned by ISP insert advertisements transmitted from a web host to a client. The advertisement may be stored in the proxy's cache or may be retrieved from a web server (510) for an advertiser. By providing the ISP with the ability to insert the advertisement, advertisements appear on small web sites that do not normally attract advertisers. Additionally, due to the number of advertisements placed by an ISP, small advertisers may have their advertisements appear in connection with frequently used web sites. One or more embodiments of the invention provide for an ISP to collect and store demographic information (508) such as the user's age, residence, credit history, etc.</p>			
<pre> graph TD A[Client Requests URL] --> B[ISP Proxy Interprets Request] B --> C[ISP Proxy Searches Cache and Forwards Request to Web Server if Not in Cache] C --> D[Web Server Transmits Web Page Text With or Without Global Advertisement To Proxy] D --> E[Proxy Determines Whether to Insert Local Advertisement] D --> F[Proxy Forwards Demographic and Advertisement Information to Web Server for Advertiser] E --> G[Web Server for Advertiser Forwards Advertisement to Proxy] F --> G G --> H[Proxy Transmits Web Page Text and Local Advertisement to Client] </pre>			